

PROJECT NUMBER: 5001
PROJECT TITLE: Packaging Studies
PROJECT LEADER: H. R. Dunaway
PERIOD COVERED: June, 1988

PACKAGING STUDIES

A. Objective: Provide technical packaging support to Manufacturing, Manufacturing Services, Engineering, Purchasing, and Quality Assurance. In addition, assist New Products Directorate in evaluating new packaging concepts and products.

B. Status/Plans:

1. All Natural: PMI 100 Menthol FTB were conditioned to OV levels in 1% increments down to 6% for subjective evaluation by Flavor Development.
2. Hercules Co-Extruded Poly: Two versions of the subject pack film compared favorably to the currently used Mobil Co-Ex in a six week aging study under various environmental conditions.
3. Project Trim: Elan 100 FTB Regular cigarettes were conditioned to OV levels in 1% increments down to 6% for subjective evaluation by Flavor Development.
4. Residual Printing Solvents in Packaging Materials: Coordinated testing, and advised Purchasing on the acceptability of the following items for use in production:
 - Marl 100 SP-RR/FTB 20/200
 - Reynolds Alcohol Resistant Gold Foil
 - Thiele-Engdahl Water Lacquer DJW5086D
 - .012 SBS Board from International Paper
 - Marl 100 SP 20 Gold - Dennison
 - Elan Pressure Sensitive Pack Sticker
 - 90# C2S Warren Flo Base Sheet for inserts
 - 80# C2S WVA Sterling Base Sheet for inserts
 - Elan Paper/Foil Pack Sticker
 - Elan 60# Hi Gloss Pack Sticker
 - Alpine 25¢ Off Pressure Sensitive Sticker
 - B&H Select Regular and Menthol Pressure Sensitive Stickers
 - Va Slims Shop Carton Insert
 - Famous Value UL 100 20/200
 - Famous Value LTS KS 20/200
 - PMI FF 100 FT 20 AND 20/200
 - PMI LTS 100 FT 20 AND 20/200
5. Taste, Odor, Stale Customer Complaints: Marlboro KS SP were conditioned to various OV levels for PED testing on the M/C panel.
6. Alcan Foil w/Brazilian Tissue: Cigarettes packaged with this test foil, and a control, were found to be subjectively comparable by the Flavor Development Panel.

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